

**Table C-47. Federal obligations for applied research in engineering, by agency  
and detailed field of engineering: fiscal year 1999**

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metallurgy and materials	Engi- neering, n.e.c.
Total, all agencies .....	4,623,729	1,278,020	554,420	147,992	259,664	513,079	140,826	306,858	1,422,870
Departments:									
Department of Agriculture, total .....	37,109	0	0	4,845	3,308	209	2,476	0	26,271
Agricultural Research Service .....	7,270	0	0	3,856	979	170	927	0	1,338
Cooperative State Research, Education, & Extension Service .....	14,175	0	0	0	0	0	0	0	14,175
Forest Service .....	15,664	0	0	989	2,329	39	1,549	0	10,758
Department of Commerce, total .....	145,920	5	0	4,656	14,857	41,416	3,264	33,009	48,713
Nat'l Inst of Standards & Tech .....	134,739	5	0	4,656	14,857	34,543	3,264	33,009	44,405
Nat'l Oceanic & Atmospheric Admin .....	7,372	0	0	0	0	3,064	0	0	4,308
National Telecommunications & Information Administration .....	3,809	0	0	0	0	3,809	0	0	0
Department of Defense, total .....	1,528,382	285,140	39,254	24,209	40,183	414,573	102,269	193,481	429,273
Department of the Air Force .....	374,909	178,036	29,559	3,967	11,550	75,285	23,029	42,566	10,917
Department of the Army .....	292,945	30,562	203	11,398	28,580	112,578	49,414	16,634	43,576
Department of the Navy .....	386,178	30,614	5,815	0	0	106,865	29,528	36,539	176,817
Defense Agencies, total .....	474,350	45,928	3,677	8,844	53	119,845	298	97,742	197,963
Ballistic Missile Defense Org .....	31,311	0	1,284	0	0	2,016	0	2,015	25,996
Defense Adv Rsch Projects Agcy .....	365,112	45,338	2,004	1,747	53	77,442	0	95,727	142,801
Defense Threat Reduction Agency .....	43,384	590	389	12	0	29,830	298	0	12,265
Special Operations Command .....	16,901	0	0	0	0	0	0	0	16,901
Washington Headquarters Svcs .....	17,642	0	0	7,085	0	10,557	0	0	0
Department of Education .....	8,819	0	0	0	0	0	0	0	8,819
Department of Energy .....	802,832	0	0	90,348	45,707	30,837	761	69,609	565,570
Dept of Health & Human Svcs, total .....	61,430	0	0	0	0	0	0	0	61,430
National Institutes of Health .....	61,430	0	0	0	0	0	0	0	61,430
Dept of Housing & Urban Development ....	1,214	0	0	0	0	0	0	0	1,214
Department of the Interior, total .....	11,972	0	0	4,938	5,545	636	0	633	220
Bureau of Reclamation .....	5,575	0	0	2,659	1,974	402	0	540	0
Geological Survey .....	1,403	0	0	0	1,169	234	0	0	0
Minerals Management Service .....	4,446	0	0	1,731	2,402	0	0	93	220
National Park Service .....	548	0	0	548	0	0	0	0	0
Department of Transportation, total .....	239,663	18	0	783	121,057	1,386	21,409	3,503	91,507
Coast Guard .....	2,738	0	0	0	285	1,285	570	598	0
Federal Aviation Administration .....	34,804	0	0	0	31,879	0	2,925	0	0
Federal Highway Administration .....	138,466	18	0	783	87,934	6	0	2,207	47,518
Federal Railroad Administration .....	20,208	0	0	0	959	95	4,573	449	14,132
Federal Transit Administration .....	3,800	0	0	0	0	0	0	0	3,800
National Highway Traffic Safety Administration .....	34,487	0	0	0	0	0	13,341	0	21,146
Research & Special Programs Admin ...	5,160	0	0	0	0	0	0	249	4,911
Department of Veterans Affairs .....	15,788	0	0	0	0	0	0	0	15,788

See explanatory information, if any, and SOURCE at end of table.

**Table C-47. Federal obligations for applied research in engineering, by agency  
and detailed field of engineering: fiscal year 1999**

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metallurgy and materials	Engi- neering, n.e.c.
Other agencies:									
Environmental Protection Agency .....	59,303	0	0	9,475	21,446	294	505	1,032	26,551
Federal Communications Commission .....	1,516	0	0	0	0	1,356	0	0	160
National Aeronautics & Space Admin .....	1,566,625	992,857	515,166	429	27	13,727	9,177	3,200	32,042
National Science Foundation .....	94,039	0	0	8,309	7,534	8,645	965	2,391	66,195
Nuclear Regulatory Commission .....	49,000	0	0	0	0	0	0	0	49,000
United States Information Agency .....	117	0	0	0	0	0	0	0	117

**NOTE:** Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

**KEY:** n.e.c. = Not elsewhere classified

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001